WHAT IS CLAIMED IS:

1. A battery state monitoring device for monitoring terminal voltage of a battery for supplying electrical power to display means for displaying an image, comprising:

voltage detection means for detecting terminal voltage of the battery;

comparison means for comparing the detected terminal voltage and a threshold voltage;

detection means for detecting luminance level of the image displayed in the display means; and

adjustment means for adjusting the threshold voltage or the detected terminal voltage according to the luminance level, wherein

the battery terminal voltage is monitored using comparison by the comparison means.

2. The battery state monitoring device of claim 1, further comprising storage means for storing a relationship between the luminance level and discharge current of the battery, and wherein the adjustment means performs adjustment using the relationship stored in the storage means.

3. The battery state monitoring device of claim 1, wherein the adjustment means performs adjustment according to average luminance level of the image displayed on the display means.

4. The battery state monitoring device of claim 1, wherein the adjustment means performs adjustment according to the luminance level in the event that the image displayed on the display means is made up of luminance data and chrominance data.

5. The battery state monitoring device of claim 1,

wherein, in the event that the image displayed on the display means is made of R pixel data, G pixel data and B pixel data, the adjustment means performs adjustment according to the overall luminance data of the R pixel data, G pixel data and B pixel data.

6. The battery state monitoring device of claim 1, wherein the adjustment means performs adjustment according to an average luminance level of a thinned-out image obtained by thinning out the image displayed by the display means to only a specified number of pixels.

7. The battery state monitoring device of claim 1, wherein the display means generates light itself using electrical power from the battery.

8. The battery state monitoring device of claim 7, wherein the display means is an organic EL display.

9. A battery state monitoring device, for monitoring terminal voltage of a battery for supplying electrical power to a self-emissive display for displaying an image, comprising:

voltage detection means for detecting terminal voltage of the battery;

first arithmetic means for detecting operation or non-operation of each functional block inside a device driven by the battery to calculate a first consumed electrical current when the battery drives each functional block;

second arithmetic means for calculating a second consumed electrical current when the self-emissive display is driven by detecting an average luminance level of an image displayed by the self-emissive display;

third arithmetic means for calculating a threshold voltage in

order to monitor terminal voltage of the battery based on the first consumed electrical current and the second consumed electrical current, or correcting detected terminal voltage; and

fourth arithmetic means for comparing detected terminal voltage and the threshold voltage and outputting a result.

10. The battery state monitoring device of claim 9, further comprising image data storage means for storing image data of an image displayed on the self-emissive display, and wherein the second arithmetic means detects the average luminance level using the image data stored in the image data storage means.

11. An electronic device including the battery state monitoring device of claim 1 and further including image capture means for acquiring the image.

12. A device of claim 11, wherein the electronic device is a digital camera, a PDA or a portable telephone.

13. An electronic device including the battery state monitoring device of claim 9 and further including image capture means for acquiring the image.

14. A device of claim 13, wherein the electronic device is a digital camera, a PDA or a portable telephone.